

# Undergraduate Catalog of Courses

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## Allied Health Science

Saint Mary's College of California

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## **ALLIED HEALTH SCIENCE**

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The School of Science offers an interdisciplinary major in allied health science. This program provides a solid foundation in natural science and human biology. The Allied Health Science major is appropriate for students who intend to pursue graduate programs in physical therapy, occupational therapy, optometry, physician assistant, and public health, as well as other health careers requiring a science background. The student must meet with the Allied Health Advisor on admission to the College to design a course of study that will meet his/her individual needs and interests.

### **LEARNING OUTCOMES**

When students have completed the allied health science major, they will be able to:

- Pursue graduate study in physical, occupational therapy, physician assistant, optometry, public health, chiropractic medicine, speech pathology and audiology, post-baccalaureate nursing programs, nutrition and other health professions programs. As many schools differ, some additional coursework may be required.
- Enter careers in the health professions that require post-graduate certificate studies, such as radiology technician, medical assistant, dental hygienist, and science laboratory research assistant.

### **MAJOR REQUIREMENTS**

The Allied Health Science major comprises 18 lower- and upper-division courses, many with corresponding laboratories, as detailed below. In order to officially declare an Allied Health Science major, a student must have completed **Chemistry 8** and **9** with a C– or better, have completed (with a C– or better) or be enrolled in **Chemistry 10** and **11**, and obtain approval of the Allied Health Advisor. In order to finish an Allied Health Science major within four years, students should complete **Chemistry 10** and **11** prior to the beginning of their sophomore year.

### **LOWER DIVISION**

**Chemistry 8 & 9** (laboratory)

**Chemistry 10 & 11** (laboratory)

**Mathematics 27**

**Mathematics 28, 38, or 4**

**Biology 1 & 1L** (laboratory)

**Biology 2 & 2L** (laboratory)

**Biology 15 & 16** (laboratory)

**Biology 25 & 26** (laboratory) or **Biology 127** (requires a two semester organic chemistry prerequisite)

**Physics 10 & 10L** (laboratory)

**Physics 11 & 11L** (laboratory)

**Psychology 1**

### **UPPER DIVISION**

In addition, a minimum of seven upper-division courses is to be taken from biology, psychology, kinesiology (at least two from each of these departments) and chemistry. The selection of upper-division courses for this major must be chosen in consultation with the Allied Health Advisor. *Note that additional lower-division courses may be required as prerequisites for some upper-division course choices.*

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## **C O U R S E S**

For a description of the courses, please see the corresponding Catalog pages of these programs: Biology, Chemistry, Kinesiology, Mathematics, Physics, and Psychology.